

## **Documentation Needed for Roundabout Conceptual Design Approval**

Following the coordination/review process identified in the Concept Design Approval (DM 915.12(1)), as a minimum, include the following information when a requesting endorsement of a roundabout design:

- Description of Existing roadway conditions
- Identify existing safety and operational issues (Accident Analysis, observations, operational problems, etc.)
- Provide an overview of the traffic analysis completed for both a signal and roundabout
- For both a signal and roundabout, include the following items for current year and design year:
  - › projected ADT
  - › turning movements
  - › LOS
  - › corridor continuity
  - › design vehicle considered
  - › pedestrian/bicycle plan
- Identify reasons for selection of a roundabout over a signal
- Provide a brief synopsis of the roundabout Conceptual meetings, identify attendees
- Provide sketches or drawings of roundabout alternatives considered
- Document reasons for selection of alternative
- Obtain concurrence of preferred alternative (memo to Region's ASDE, thru Region Traffic Engineer, thru HQ Traffic Engineer)